



Features:

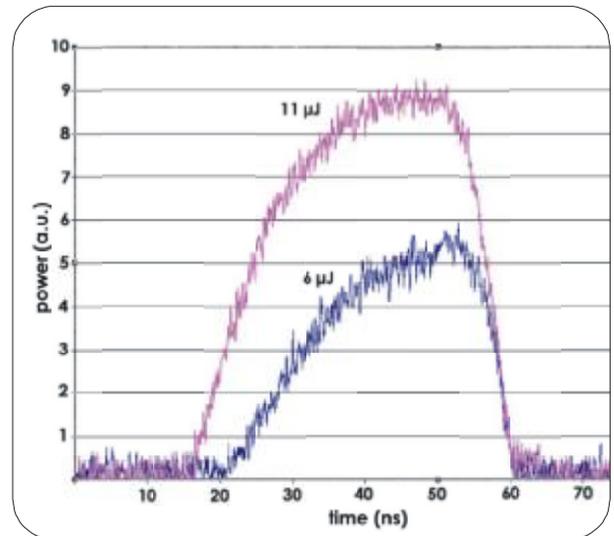
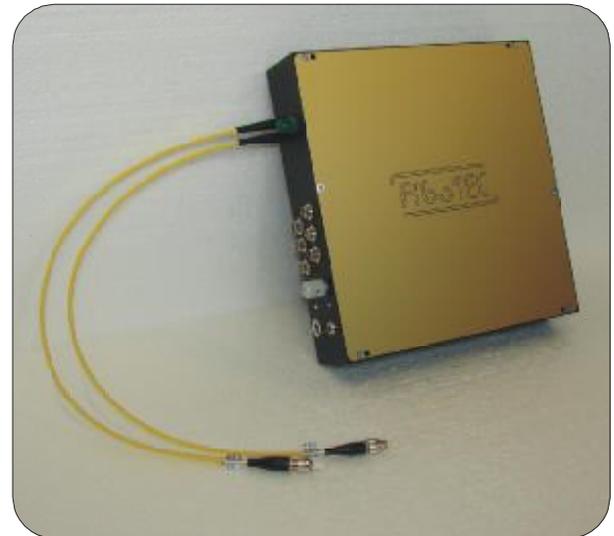
- high peak power
- excellent beam profile over life time
- low power consumption

Pulsed Fiber Amplifier MOPA

These light sources are compact master oscillator - power amplifier (MOPA) setups that can be directly modulated within certain limits of repetition rate and pulse power. Standard products operate at around 1.5 μm wavelength at a repetition rate of > 6 kHz and a pulse power of 10 $\mu\text{J}/50$ ns (200 W peak).

1050-1090 nm wavelength is available on request. Customer specific products at both wavelength windows with an additional booster amplifier stage permit much higher repetition rates (above 50 kHz) or peak power (2 kW).

The high power density and the excellent beam parameter product after decoupling into freespace make these light sources a preferred choice for many test and measurement applications. Especially mobile range finders, scanners and LIDAR-systems can benefit from the beam quality in connection with the low power consumption.



FIBOTECH



